

Abstract

A Doherty-amplifier system (1) has several amplifier stages (2 - 4), of which the inputs are controlled via a control unit (5) with different phase angles and/or signal amplitudes of an input signal (S_i). According to the invention, every output of every amplifier stage (2 - 4) is connected directly to an antenna element (10 - 12), without the output signals from the amplifier stages (2 - 4) being combined with one another before being supplied to the antenna elements (10 - 12).

(Figure 2)